


Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Complete if Known		
		Application Number		
		Filing Date	H rewith	
		First Named Inventor	Parce	
		Art Unit	1639	
Examiner Name	Tran			
Sheet		of	Attorney Docket Number	100/06341

U.S. PATENT DOCUMENTS					
Examiner Initials	Cite No.	Document No.	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, lines, Where Relevant Passages or Relevant Figures Appeal
		Number - Kind Code (if known)			
MC	AA	US-4390403	06-28-1983	Batchelder	
	AB	US-4444879	04-24-1984	Foster et al.	
	AC	US-4908112	03-13-1990	Pace	
	AD	US-5010175	04-23-1991	Rutter et al.	
	AE	US-5126022	06-30-1992	Soane et al.	
	AF	US-5271724	12-21-1993	van Lintel	
	AG	US-5277556	01-01-1994	van Lintel	
	AH	US-5288514	02-22-1994	Ellman	
	AI	US-5375979	12-27-1994	Trah	
	AJ	US-5498392	03-12-1996	Wilding et al.	
	AK	US-5506337	04-09-1996	Summerton et al.	
	AL	US-5519134	05-21-1996	Acevedo et al.	
	AM	US-5525735	06-11-1996	Gallop et al.	
	AN	US-5536382	07-16-1996	Sunzeri	
	AO	US-5539083	07-23-1996	Cook et al.	
	AP	US-5549974	08-27-1996	Holmes	
	AQ	US-5569588	10-29-1996	Ashby et al.	
	AR	US-5571398	11-05-1996	Karger et al.	
	AS	US-5571410	11-05-1996	Swedberg et al.	
	AT	US-5585069	12-17-1996	Zanzucchi et al.	
	AU	US-5587128	12-24-1996	Wilding et al.	
	AV	US-5593838	01-14-1997	Zanzucchi et al.	
	AW	US-5593853	01-14-1997	Chen et al.	
	AX	US-5603351	02-18-1997	Cherukuri et al.	
	AY	US-5635358	06-03-1997	Wilding et al.	
✓	AZ	US-5637469	06-10-1997	Wilding et al.	
MC	BA	US-5699157	12-16-1997	Parce	
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MC	BB	US-5716852	02-10-1998	Yager et al.	
	BC	US-5750015	05-12-1998	Soane et al.	
	BD	US-5766848	06-16-1998	Borden et al.	
	BE	US-5779868	07-14-1998	Parce et al.	
	BF	US-5800690	09-01-1998	Chow et al.	
	BG	US-5842787	12-01-1998	Kopf-Sill et al.	
	BH	US-5852495	12-22-1998	Parce	
	BI	US-5858195	01-12-1999	Ramsey	
	BJ	US-5869004	02-09-1999	Parce et al.	
	BK	US-5872010	02-16-1999	Karger et al.	
	BL	US-5876675	03-02-1999	Kennedy	
	BM	US-5880071	03-09-1999	Parce et al.	
	BN	US-5882465	03-16-1999	McReynolds	
	BO	US-5885470	03-23-1999	Parce et al.	
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	BQ	US-5948227	09-07-1999	Dubrow	
	BR	US-5955028	09-21-1999	Chow	
	BS	US-5957579	09-28-1999	Kopf-Sill et al.	
	BT	US-5958203	09-28-1999	Parce et al.	
	BU	US-5958694	09-28-1999	Nikiforov	
	BV	US-5959291	09-28-1999	Jensen	
	BW	US-5964995	10-12-1999	Nikiforov et al.	
	BX	US-5965001	10-12-1999	Chow et al.	
	BY	US-5965410	10-12-1999	Chow et al.	
	BZ	US-5972187	10-26-1999	Parce et al.	
	CA	US-5976336	11-02-1999	Dubrow et al.	
	CB	US-5989402	11-23-1999	Chow et al.	
	CC	US06001231	12-14-1999	Kopf-Sill	
MC	CD	US-6004515	12-21-1999	Parce et al.	
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MCS	CE	US-6011252	01-04-2000	Jensen	
	CF	US-6012902	01-11-2000	Parce	
	CG	US-6042710	03-28-2000	Dubrow	
	CH	US-6046056	04-04-2000	Parce et al.	
	CI	US-6068752	05-30-2000	Dubrow et al.	
	CJ	US-6071478	06-06-2000	Chow	
	CK	US-6074725	06-13-2000	Kennedy	
	CL	US-6080295	06-27-2000	Parce et al.	
	CM	US-6103199	08-15-2000	Bjornson et al.	
	CN	US-6103537	08-15-2000	Ullman et al.	
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Examiner Initials	Cite No.	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
		Country Code - Number - Kind Code (if known)				
	CP	WO-9119735	12-26-1991	Bartlett et al. NO		
	CQ	WO-9200091	01-09-1992	Biologand, Inc. COPY		
MCS	CR	WO-9320242	10-14-1993	Scripps		
	CS	WO-9405414	03-17-1994	UC Regents NO COPY		
	CT	WO-9604547	02-15-1996	Lockheed Martin NO		
	CU	WO-9702357	01-23-1997	Affymetrix COPY		
	CV	WO-9800231	01-08-1998	Caliper NO COPY		
	CW	WO-9800705	01-08-1998	Caliper NO COPY		
	CX	WO-9800707	01-08-1998	Caliper NO COPY		
MCS	CY	WO-9802728	01-22-1998	Caliper		
	CZ	WO-9805424	02-12-1998	Caliper		
	DA	WO-9822811	05-28-1998	Caliper		
	DB	WO-9845481	10-15-1998	Caliper		
	DC	WO-9845929	10-15-1998	Caliper		
MCS	DD	WO-9846438	10-22-1998	Caliper		

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MS	DE	WO-9849548	11-05-1998	Caliper	
	DF	WO-9855852	12-10-1998	Caliper	
	DG	WO-9856505	12-17-1998	Caliper	
	DH	WO-9856956	12-17-1998	Caliper	
	DI	WO-9900649	01-07-1999	Caliper	
	DJ	WO-9910735	03-04-1999	Caliper	
	DK	WO-9912016	03-11-1999	Caliper	
	DL	WO-9916162	04-01-1999	Caliper	
	DM	WO-9917119	04-08-1999	Univ. Wash	
	DN	WO-9919516	04-22-1999	Caliper	
	DO	WO-9919056	04-22-1999	Caliper	
	DP	WO-9929497	06-17-1999	Caliper	
	DQ	WO-9931495	06-24-1999	Caliper	
	DR	WO-9934205	07-08-1999	Caliper	
	DS	WO-9943432	02-09-1999	Caliper	
	DT	WO-9944217	09-02-1999	Caliper	
	DU	WO-9956954	11-11-1999	Caliper	
MS	DV	WO-0009753	02-24-2000	Caliper	

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS				
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and-or country where published.	T	
MS	DW	AGER, A. "Lymphocyte Recirculation and Homing: Roles of Adhesion Molecules and Chemoattractants" <u>Trends Cell Biol.</u> (1994) 4:326-333 NO COPY		
	DX	BARGATZE, R.F. et al., "Distinct roles of L-Selectin and Integrins alpha 4 beta 7 and LFA-1 in Lymphocyte Homing to Peyer's Patch -HEV in situ: The multistep model confirmed and redefined" <u>Immunity</u> (1995) 3:99-108 NO COPY		
	DY	BRADLEY, L.M. et al., "Lymphocyte Migration into Tissue: The Paradigm Derived From CD4 Subsets" <u>Curr. Opin. Immunol.</u> (1996) 8:312-320 NO COPY		
	DZ	CAMPBELL et al., <u>J. Org. Chem.</u> (1994) 59:658-660 NO COPY		
MS	EA	CHEN et al., <u>J. Amer. Chem. Soc.</u> (1994) 116:2661-2662 NO COPY		

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	EB	CHO et al., <u>Science</u> (1993) 261:1303-1305	NO COPY
MC	EC	COHEN, C.B. et al., "A Microchip-Based Enzyme Assay for Protein Kinase A," <u>Anal. Chem.</u> (1999) 273:89-97	
MC	ED	DASGUPTA, P.K. et al., "Electroosmosis: A Reliable Fluid Propulsion System for Flow Injection Analysis," <u>Anal. Chem.</u> (1994) 66:1792-1798	
	EE	DIANZANI, U. et al., "Lymphocyte Adhesion to Endothelium" <u>Crit. Rev. Immunol.</u> (1995) 15:167-199	NO COPY
	EF	FURKA, Int. J. Pept. Prot. Res. (1991) 37:487-493	
MC	EG	GREY H. et al. "How T Cells See Antigen" <u>Sci. Am.</u> (1989) 261(5):56-64	
	EH	HAGIHARA et al., <u>J. Amer. Chem. Soc.</u> (1992) 114:6568-6570	
	EI	HIRSCHMANN et al., <u>J. Amer. Chem. Soc.</u> (1992) 114:9217-9218	
	EJ	HOBBS et al., <u>PNAS</u> (1993) 90:6909-6913	
	EK	HOGG, N. et al. "Structure and Function of Adhesion Receptors in Leukocyte Trafficking" <u>Immunol. Today</u> (1995) 16:327-330	
	EL	HOUGHTON et al., <u>Nature</u> (1991) 354:84-88	
	EM	HYNES, R.O. "Contact and Adhesive Specificities in the Associations, Migrations, and Targeting of Cells and Axons" <u>Cell</u> (1992) 16:303-321	
	EN	HYNES, R.O. "The Impact of Molecular Biology on Models for Cell Adhesion" <u>Bioessays</u> (1994) 16:663-669	
	EO	JACOBSON, S.C. et al., "Fused Quartz Substrates for Microchip Electrophoresis," <u>Anal. Chem.</u> (1995) 67: 2059-2063	
	EP	KNIGHT, J.B. et al., "Hydrodynamic Focusing on a Silicon Chip: Mixing Nanoliters in Microseconds" <u>Phys. Rev. Letts.</u> (1998) 80(17):3863-3866	
	EQ	KUGELMASS, S.M. et al., "Fabrication and Characterization of Three-Dimensional Microfluidic Arrays" <u>Proc. Of SPIE</u> (1999) 3877:88-94	
	ER	LIANG et al., <u>Science</u> (1996) 274:1520-1522	
✓	ES	MANZ, A. et al., "Electroosmotic Pumping and Electrophoretic Separations for Miniaturized Chemical Analysis Systems," <u>J. Micromach. Microeng.</u> (1994) 4: 257-265	
MC	ET	VAUGHN et al., <u>Nature Biotech.</u> (1996) 14(3):309-314	

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